

CERES Requirements Log - GGEO

Reqm'ts No.	Requirement	SCCR	Provider	Responsible Subsystem	Responsible Person	How was it conveyed?	When was it received?	When was it accepted?	When was it completed?	Current Status
11-1	Modify GGEO Subsystem to add a half hour correction to Meteo-5 and Meteo-7 McIDAS data	591	Dave Doelling	GGEO	Raja Raju	Email and phone calls	06/23/05	06/23/05	07/06/05	Delivered to CM
11-2	Modify GGEO Subsystem to apply multiplication factor for 10-bit McIDAS data	591	Dave Doelling	GGEO	Raja Raju	Email and phone calls	07/12/05	07/12/05	08/01/05	Delivered to CM
11-3	NON-SCIENCE: Modify GGEO script(s) to select GGEO input files based on different naming schemes for non-McIdas GEOS-12 data	591	Raja Raju	GGEO	Raja Raju	Emails and phone calls regarding change in external input file naming convention	07/26/05	07/26/05	07/30/05	Delivered to CM
11-4	Prepare delta delivery for GGEO Final Edition2A coefficients for 3/2003 through 12/2004	611	Dave Doelling	GGEO	Raja Raju	Team mtgs	01/09/06	01/09/06		Expecting coefficients the week of 8/29. Then a week of testing.
11-5	NON-SCIENCE: Prepare badrec input text files and deliver them along with coefficients to process PGE CER11.6P1 for GGEO for 03/2003 through 12/2004.	611	Raja Raju	GGEO	Raja Raju	Emails and phone calls.	01/09/06	01/09/06		
11-6	NON-SCIENCE: Modify PGE CER11.6P1 code to accept however many GRAN files exist to include in the GGEO met file. Prepare PGE delivery to CM.	618	Raja Raju	GGEO	Raja Raju	Email and phone calls	02/08/06	02/08/06	04/20/06	Delivered to CM.
11-7	Prepare delta delivery for GGEO Beta coefficients for all of 2005.	628	Dave Doelling	GGEO	Raja Raju	Emails and phone calls	01/31/06	01/31/06	05/30/06	Delivered to CM
11-8	Prepare delta delivery for PCF script to select 00, 18 hour MCIDAS METEO-5 satellite input files for processing. Update GGEO main processor Ascii generator scripts to add date string to coefficient file names. Update PGE 11.6P1 Ascii generator script to remove Processing strategy and CCode from the input file names.	630	Dave Doelling	GGEO	Raja Raju	Emails and phone calls.	06/09/06	06/09/06		Delivered to CM.
11-9	Prepare delivery for GGEO Edition2A final coefficients for up to December 2005		Dave Doelling	GGEO	Raja Raju	Emails				Delivery for Beta9 process and expected to be GGEO Edition2A final coefficients.
11-10	Prepare to send GGEO Edition2A final weeder files for up to October 2005		Raja Raju	GGEO	Raja Raju	Emails				
11-11	Modify GGEO software to process MTSAT data. MTSAT satellite will replace GOES-9 from November 2005.	636	Dave Doelling	GGEO	Raja Raju	Emails, phone calls and meetings	05/22/06	05/22/06		

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11-12	Modify GGEO software to process 10-bit data without converting it to 8-bit data. All GOES satellites data comes as 10-bit and the rest of the satellites are 8-bit.		Dave Doelling	GGEO	Raja Raju	Meetings	05/22/06	05/22/06		
11-13	Modify GGEO software to handle different image sizes of satellite input data. Currently software supports one set of image size/satellite.		Dave Doelling	GGEO	Raja Raju	Emails	06/15/06			
11-14	Modify GGEO main processor code to apply IR coefficient adjustments to MCIDAS format IR values.	636	Dave Doelling	GGEO	Raja Raju	Meeting, Emails	08/14/06	08/14/06		
11-15	Modify GGEO main processor code to correct multiplying factor error for METEO-8 satellite data.	636	Dave Doelling	GGEO	Raja Raju	Emails	08/14/06	08/14/06		
11-16	Modify PCF generator script to select specific GOES-9 image for each synoptic hour to make it consistent with the adjacent satellites.	636	Dave Doelling	GGEO	Raja Raju	Meeting, Emails	08/14/06	08/14/06		
11-17	Temporarily disable PGEs CER11.1P5-8 from the production to avoid reprocessing 03/00 - 03/03 months with the latest version of coefficients.	636	Dave Doelling	GGEO	Raja Raju	Emails	09/26/06	09/26/06		
11-18	Run PGEs 11.2P2, 11.4P1, 11.6P1 using new TOOLKIT 5.2.12 version without recompiling the software. Jobs ran successfully with existing executables in new TOOLKIT environment.	636	Dave Doelling	GGEO	Raja Raju	Phone calls	09/26/06	09/06/06		